

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(381/122,92,56,233).ccls. and calibration and (phase adj2 signatur\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 16:47
S2	0	(381/122,92,56,233).ccls. and (phase adj2 signatur\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 12:53
S3	0	(381/122,92,56,233).ccls. and (calibration same phase adj4 tabl\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 12:53
S4	1	(381/122,92,56,233,66).ccls. and (calibration same phase adj4 tabl\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 15:07
S5	2	(381/122,92,56,233,66).ccls. and (calibration same phase same tabl\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 12:53
S6	9	"5737431".URPN.	USPAT	OR	OFF	2004/08/26 13:05
S7	52	(381/122,92,66,233,56).ccls. and localizat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:04
S8	52	"4689821".URPN.	USPAT	OR	OFF	2004/08/26 13:16
S9	1	(acoustic adj3 localiza\$4) near2 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 13:19
S10	4	(acoustic adj3 localiza\$4) near4 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 13:29
S11	105	(spatial adj3 loca\$5) near4 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 13:34
S12	60	(sound adj3 loca\$5) near4 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 13:34
S13	392	(381/92).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/26 13:35
S14	7	("5412735"   "5757932"   "5757933"   "5796848"   "5917921"   "6044162"   "6272229").PN.	USPAT	OR	OFF	2004/08/26 13:46
S15	0	"intel".AS. and acoustic adj2 localiza\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:10

## EAST Search History

S16	1	"intel".AS. and acoustic adj2 localiza\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:10
S17	2	phase adj2 signature adj4 table	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:32
S18	0	localizat\$4 same (phase adj4 table)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:34
S19	0	localizat\$4 same (phase adj3 angl\$2 near3 table)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:34
S20	231	phase adj3 angl\$2 near3 table	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 15:42
S21	1	(phase adj3 angl\$2 near3 table) same sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:34
S22	0	(phase adj3 angl\$2 near3 table) same acoustic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:35
S23	0	(381/122,92).ccls. and phase near2 table	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 16:05
S24	0	(phase adj3 angl\$2 near3 table) same microphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:38
S25	4	(phase adj3 angl\$2 near3 table) and microphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:39
S26	14	(creat\$3 adj4 phase adj3 table)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:40
S27	38	calibra\$4 same (phase adj3 table)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 15:36
S28	1	("6774934").PN.	USPAT; USOCR	OR	OFF	2004/08/26 15:35
S29	8	("3601530"   "4536887"   "5465302"   "5686957"   "5737431"   "6469732"   "6483923"   "6618485").PN.	USPAT	OR	OFF	2004/08/26 15:28
S30	4	("5581620"   "5629855"   "5737431"   "5778082").PN.	USPAT	OR	OFF	2004/08/26 15:35
S31	70	calibra\$4 and (phase adj3 table) and sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 15:37

## EAST Search History

S32	3	calibra\$4 and (phase adj3 table) same sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 15:37
S33	11	(phase adj3 table) same sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 15:39
S34	4	(phase adj3 table) same acoustic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 15:39
S35	6	creat\$3 adj3 phase adj3 tables	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 15:42
S36	171	(381/122,92).ccls. and phase same microphon\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 16:06
S37	1	("5459790").PN.	USPAT; USOCR	OR	OFF	2004/08/26 17:20
S38	0	("20020097885").PN.	USPAT; USOCR	OR	OFF	2004/08/26 17:23
S39	1	("20020097885").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 16:37
S40	2	((("20030223588") or ("20030002684")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 16:36
S41	163	(381/66).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/26 13:34
S42	41	(381/66).ccls. and microphone\$2 same reflect\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:22
S43	0	"intel".AS. and phase adj2 signature	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:32
S44	1	"intel".AS. and phase same sound same reflect\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 13:58
S45	6	"intel".AS. and sound same reflect\$4 same microphon\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 17:58
S46	1	graumann.in. and sound same reflect\$4 same microphon\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 16:32
S47	1	"intel".AS. and spatial near2 localization	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 13:58

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S48	1	(381/66).ccls. and (localizat\$4) same (phase adj3 signat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 13:59
S49	1	(381/66).ccls. and (localizat\$4) same (phase) same microphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 17:52
S50	6	acoustic same (phase adj3 signature)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 13:18
S51	5	"intel".AS. and phase near4 signature	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 14:10
S52	9	(381/66).ccls. and localizat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 14:27
S53	8	(sum near2 beamform\$3) same sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 14:26
S54	7	"5737485".URPN.	USPAT	OR	OFF	2004/08/13 14:25
S55	26	(sum near2 beamform\$3) same source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 14:26
S56	4	(sum near2 beamform\$3) same localization	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 14:26
S57	29	(381/122,92).ccls. and localizat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 13:07
S58	117	(381/122,92).ccls. and reflect\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 14:31
S59	5	(381/122,92).ccls. and reflect\$4 same localizat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/13 14:32
S60	11	(381/122,92).ccls. and reflect\$4 and localizat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 11:42
S61	1	("20030072456").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/08/26 11:33
S62	19	(381/122,92,56,233).ccls. and reflect\$4 and localizat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 16:07
S63	3	(381/66).ccls. and (localizat\$4) same (phase) and micropho\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 17:52

## EAST Search History

S64	1	"intel".AS. and sound same reflect\$4 and microphon\$2 and videoconferen\$6	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:01
S65	14	("4239356"   "4312053"   "4400724"   "4639904"   "5099456"   "5625410"   "5664021"   "5686957"   "5715319"   "5742693"   "5778082"   "5787183"   "D381024"   "D389839").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/22 17:59
S66	4	"intel".AS. and reflect\$4 and microphon\$2 and videoconferen\$6	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:03
S67	14	reflect\$4 and microphon\$2 and videoconferen\$6 and ears	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:02
S68	15	"intel".AS. and reflect\$4 and videoconferen\$6	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:03
S69	106	("381"/\$).ccls. and localizat\$3 and microphones and reflect\$4 and ears	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:27
S70	88	("381"/\$).ccls. and localizat\$3 and microphones and reflect\$4 and ears and phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:05
S71	1	(381/66).ccls. and microphone\$2 same reflect\$4 same ears	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:09
S72	4	(381/66).ccls. and microphone\$2 same ears	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:10
S73	46	("381"/\$).ccls. and microphone\$2 same ears same locali\$9	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:13
S74	19	("381"/\$).ccls. and microphone\$2 same locali\$8 and (ears with reflect\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 19:35
S75	1	(381/66).ccls. and microphone\$2 and (reflect\$4 with ears)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:22
S76	63	(381/66).ccls. and microphones	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 18:22
S77	0	("381"/\$).ccls. and microphone\$2 same locali\$8 and (ears with reflect\$4) and (phase adj2 tab\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 19:36

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S78	0	microphone\$2 same locali\$8 and (ears with reflect\$4) and (phase adj2 tab\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 19:37
S79	17	microphone\$2 same locali\$8 and (ears with reflect\$4) and (phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/22 19:37
S80	105	(wave adj2 frequen\$4) with (phase adj2 ang\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 12:47
S81	3	(wave adj2 frequen\$4) with (phase adj2 ang\$3) with table	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 12:47
S82	22	(wave adj2 frequen\$4) with (phase adj2 ang\$3) and sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:04
S83	3	(differen\$3) with microphones with (phase adj2 ang\$3) and sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:08
S84	6	(differen\$3) with (phase adj2 ang\$3) same microphones and sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:22
S85	7	(differen\$3) with (phase adj2 ang\$3) same microphones	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:16
S86	2	(phase adj2 differen\$3) with microphones with (detect\$3 adj2 frequenc\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:19
S87	4	(phase) with microphones with (detect\$3 adj2 frequenc\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:21
S88	0	(phase) with microphones with (frequenc\$3) same (predeterm\$5 adj2 locati\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:22
S89	0	(phase with microphones with frequenc\$3) same (predeterm\$5 adj2 locati\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:22
S90	0	(phase adj2 ang\$3) same microphones same frequenc\$4 same predetermi\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:23
S91	1	(phase adj2 ang\$3) same microphones same frequenc\$4 same location	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:39
S92	0	(phase adj2 table) same microphones same frequenc\$4 same location	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:40

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S93	0	(phase adj2 table) same microphones same frequenc\$4 and location	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:40
S94	0	(phase adj2 table) same microphones same frequenc\$4 and localization	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:40
S95	0	(phase adj2 table) same microphones same frequenc\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:40
S96	2	(phase adj2 table) and microphones same frequenc\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 15:40
S97	0	(phase adj2 mapping) and microphones same frequenc\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 16:07
S98	47	(381/122,92,56,233).ccls. and phase same (positon or location)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 16:13
S99	0	(381/122,92,56,233).ccls. and high adj2 resolution adj2 spectral adj2 analysis	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/30 14:04
S100	103	high adj2 resolution adj2 spectral adj2 analysis	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 16:14
S101	1	(high adj2 resolution adj2 spectral adj2 analysis) and microphones	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 16:14
S102	131	(spectral adj2 analysis) and microphones and phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/28 16:14
S103	1	(381/122,92,56,233).ccls. and (difference with distance with microphones) same (detect\$3 with frequen\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/30 14:06
S104	1	("381"/\$).ccls. and (difference with distance with microphones) same (detect\$3 with frequen\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/30 14:10
S105	0	("381"/\$).ccls. and phase same (table or map\$4) same frequenc\$5 same (predetermined or priori)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/30 14:11
S106	0	phase same (table or map\$4) same frequenc\$5 same (predetermined or priori)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/30 14:11
S107	2	graumann.in. and sound same reflect\$4 same microphon\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/29 17:13

## EAST Search History

S10 8	1	S107 and detect\$2 and phase and signatur\$2 and spatial and first and second and calibrat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 13:07
S10 9	108	detect\$2 and phase and signatur\$2 and microphones and angles	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 13:08
S11 0	48	detect\$2 and phase and signatur\$2 and microphones and angles and calibrat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 13:55
S11 2	550	"367"/\$.ccls.and (phase or delay or (phase adj2 angle)) and (table or map\$4) and (detect\$3 with frequen\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 14:22
S11 3	12	"367"/\$.ccls.and (phase or delay or (phase adj2 angle)) same (table or map\$4) same (detect\$3 with frequen\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 14:23
S11 4	1	(381/122,92,66).ccls. and (calibration same tabl\$2) same (phase or delay or (phase adj2 angle)) same (detect\$3 near2 frequen\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 15:09
S11 5	18	(calibration same tabl\$2) same (phase or delay or (phase adj2 angle)) same (detect\$3 near2 frequen\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 15:09
S11 6	820	(700/94).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 15:09
S11 7	0	700/94.ccls. and (calibration same tabl\$2) same (phase or delay or (phase adj2 angle)) same (detect\$3 near2 frequen\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/07 15:10
S11 8	276	(367/125).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:15
S11 9	7	S118 and (table or map\$4) same frequen\$5	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:44
S12 0	32	S118 and microphones	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:44
S12 1	21	S118 and microphones and phase and frequen\$5	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:48
S12 2	2	graumann.in. and sound same reflect\$4 same microphon\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:46



## EAST Search History

S12 3	1	S122 and first and second and location and reflector and surface	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:46
S12 4	12	S118 and microphones and phase and frequen\$5 and reflect\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:50
S12 5	0	S118 and microphones and phase and frequen\$5 and human and ear	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:51
S12 6	2	S118 and microphones and phase and frequen\$5 and human	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/08 10:51
S12 7	0	graumann.in. and sound same reflect\$4 same microphon\$2 and delay and disable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/26 16:33
S12 8	0	graumann.in. and sound and reflect\$4 and microphon\$2 and delay and disable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/26 16:33
S12 9	3	graumann.in. and sound and reflect\$4 and microphon\$2 and delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/26 16:33
S13 0	2	((("20030223588") or ("20030002684")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 16:36
S13 1	0	S130 and delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/26 16:36
S13 2	0	("S39anddelay").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 16:37
S13 3	1	("20020097885").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/26 16:37
S13 4	1	S133 and delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/26 16:39

## EAST Search History

S13 5	1	S133 and delay same micropho\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/26 16:39
S13 6	0	(381/122,92,56,233,11).ccls. and (after response) with location with source with delay with micropho\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 16:50
S13 7	0	(381/122,92,56,233,111).ccls. and (after response) with location with source with delay with micropho\$3.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 16:50
S13 8	41	(381/122,92,56,233,111).ccls. and location same source same delay same micropho\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 16:55
S13 9	0	(381/122,92,56,233,111).ccls. and ((determin\$3 find\$3 response) with (location position)) same (select\$6 with (disable off) with micropho\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 16:56
S14 0	4	(381/122,92,56,233,111).ccls. and ((determin\$3 find\$3 response) with (location position)) same ((disable off) with micropho\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 16:58
S14 1	12	(381/122,92,56,233,111).ccls. and ((location position) with source) same ((disable off) with micropho\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 16:59
S14 2	120	(381/122,92,56,233,111).ccls. and ((disabl\$4 off) near3 micropho\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/27 10:40
S14 3	3	(381/122,92,56,233,111).ccls. and ((location position) with source) same ((disabl\$4 off) near3 micropho\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/26 17:00
S14 4	753	381/92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 10:39
S14 5	7	(381/122,92,56,233,111).ccls. and beamform\$3 and source and ( calibrat\$4 optimiz\$6) and ((disabl\$4 off) near3 micropho\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/27 10:52
S14 6	6	(381/122,92,56,233,111).ccls. and beamform\$3 and source and ( calibrat\$4 optimiz\$6) and ((disabl\$4 off) near3 micropho\$3) and delay	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/27 10:46

## EAST Search History

S14 7	6	(381/122,92,56,233,111).ccls. and beamform\$3 and source and (calibrat\$4 optimiz\$6) and ((disabl\$4 off) near3 micropho\$3) and delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 10:50
S14 8	2	birchfield.in. and source and microphone and localization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 11:48
S14 9	1	quindi.AS. and source and microphone and localization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 10:51
S15 0	11	("20030179890"   "4536887"   "4581758"   "5465302"   "5526433"   "5737431"   "5778082"   "5959667"   "6005610"   "6600824"   "6774934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 11:10
S15 1	161	S144 and source and (localization localisation location) and delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 11:41
S15 2	11	S150 and delay	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 11:32
S15 3	3	S150 and delay and (disable off)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 11:11
S15 4	10	S150 and delay and (ear human speech)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 11:32
S15 5	126	S144 and source and (localization localisation location) and delay and (ear human speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 11:46
S15 6	0	S144 and source and (localization localisation location) and delay and (pinnea)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 11:46

## EAST Search History

S15 7	0	birchfield.in. and source and microphone and localization and teleconfer\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 11:49
S15 8	6	finn.in. and DVE and voice and talker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/09/27 11:50